Docket No.: N9450.0024/P024

Application No.: 09/925,439 Amendment dated January 30, 2004 Reply to Office action dated November 7, 2003

Amendments To The Specifications:

Please replace paragraphs 2-4 (lines 5-25) on page 2 with the following amended paragraphs:

Recently, in a disk reproducing apparatus, a plurality of disks has been arranged in one disk tray. Accordingly, the sizes of a disk tray and a frame supporting the disk tray have been increased. For example, if 5 disks-changer is fabricated, the diameter of a disk tray is about 32 cm. Therefor Therefore, a frame supporting the disk tray has become bigger.

These issues such as the locating of the turn table and the optical pick-up at the back panel in the disk reproducing apparatus, and the increase of size of the disk tray frame, take much time for the pushing-out of the disk tray frame from or the drawing of the disk tray frame in the reproducing apparatus, and the rotatably moving the designated disk to the position of the optical pick-up located at the back art of the disk reproducing apparatus, and the starting of rotating the designated disk.

If the apparatus is a CD (Compact Disk) changer for only audio reproducing, the number of terminals attached to the apparatus has been small. However, a DVD (Digital Versatile Disk) reproducing apparatus must includes include a coaxial digital audio output terminal, an optical digital audio output terminal, a video output terminal, an S-video output terminal, a color differential image output terminal, a surround audio output terminal (5.1 ch.), besides an analog audio output terminal. These output terminals are arranged to the rear panel. In this composition, an optical pick-up unit, which is arranged at the rear panel side, is the obstacle to the arrangement of the output terminals. Further, depending on the number of the output terminals, since output terminals must be sometimes arranged behind the optical pick-up, it is sometimes necessary to increase the depth of the disk reproducing apparatus.

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Please replace paragraphs 2-3 (lines 19-25) on page 3 with the following amended paragraphs:

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Further, the present invention can provide a disk reproducing apparatus which can arrange the above-described output terminals arranges without increasing the depth of a disk reproducing apparatus.

To achieve the above objectives, the present invention provides a disk reproducing apparatus comprising: a main body; a frame which can be freely pushed out from, or drawn in the main body; a disk tray, which is rotatably attached to the frame, for mounting a plurality of disks; and an optical pick-up unit for reproducing recording data recorded in the disk;

Please replace paragraph 1 (lines 4-9) on page 4 with the following amended paragraph:

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wherein, if the disk tray rotates and transfers a designated disk to the turn table so as to reproduce the recording recorded in the disk, the disk reproducing apparatus is constructed so that an optical pick-up unit is located between of a rotation center of the disk tray and the front panel of the main body.

Please replace paragraph 3 (lines 13-18) on page 6 with the following amended paragraph:

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Further, by pushing a disk reproducing button 4b, the disk tray 1 is rotated, and the designated disk 6 is moved to the optical pick-up unit 7. When the rotation operations operation is finished, the optical pick-up unit 7 is lifted by a drive mechanism (not shown in the figures), and the disk is clamped and reproduced.

Please replace paragraphs 2-3 (lines 3-25) on page 9 with the following amended paragraphs:



Further, the disk reproducing apparatus comprises: the frame 2 drawn in, and pushed out from the main body; and the disk tray 1 mounting a plurality of disks, which is rotatably attached to the frame 2k 2. And, in this disk reproducing apparatus 100, since the optical pick-up unit7 for reproducing information recorded in a disk, when the frame 2 is drawn in the main body 100, and it is possible to arrange the disk tray and the optical

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pickup unit 7 so that the line 14 virtually drawn perpendicularly between the front panel l1 and the rotation center 12 of the disk trays back side 13 intersects the line 17 connecting between the rotation center 12 of the disk tray 1 and the rotation center 16 of the turn table 15, at the rotation angle range of 36 – 90 deg.

Furthermore, as described, in this embodiment, the optical pick-up unit 7 is not arranged at the back panel 13 of the main body, and are but is arranged at a position away from the line 14 virtually drawn between the front panel 11 and the rotation center 12 of the disk tray 1. Accordingly, it is possible to implement the structure in which the rear panel 2 13 is near to the frame 2, and this makes it possible that many output terminals can be attached at the rear panel 13 without providing the main body case of a long depth.

Further, by pushing a disk reproducing button 4b, the disk tray 1 is rotated, and the designated disk 6 is moved to the optical pick-up unit 7. When the rotation operations operation is finished, the optical pick-up unit 7 is lifted by a drive mechanism (not shown in the figures), and the disk is clamped and reproduced.

Please replace paragraph 3 (lines 15-22) on page 10 with the following amended paragraph:

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In accordance with the present invention, the rotation center of the turn table for holding and rotating each disk (for example, this rotation center is positioned away from the above described line 14) can be located between the rotation center of the disk tray and the front panel 11, and this makes short the time from the open state of the frame to reproducing of the disk after the disk tray mounting the disk is drawn in the may main body.